



CUSTOMER NUMBER 25268

INFORMATION DISCLOSURE STATEMENT LISTING SHEET

**Information Cited By Applicant(s) That May Be Material To
The Prosecution Of The Subject Application**

Applicants: Yarnykh et al. Attorney Docket No. UNIV0217
Serial No.: 10/788,937 Group Art Unit: 3737
Filed: February 27, 2004 Examiner:
Title: MULTI-SLICE DOUBLE INVERSION-RECOVERY BLACK-BLOOD
IMAGING WITH SIMULTANEOUS SLICE RE-INVERSION

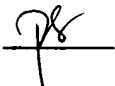
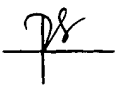
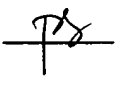
U.S. PATENT DOCUMENTS

NONE CITED

FOREIGN PATENT DOCUMENTS

NONE CITED

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*Examiner Initial	Document No.	Document Information
	O1	Bonk, Schmiedl, Yuan, Nelson, Black, and Ladd. "Time-of-Flight MR Angiography With Gd-DTPA Hexamethylene Diamine Co-Polymer Blood Pool Contrast Agent: Comparison of Enhanced MRA and Conventional Angiography for Arterial Stenosis Induced in Rabbits." <i>Journal of Magnetic Resonance Imaging</i> , 11:638-646 2000. © 2000 Wiley-Liss, Inc. pp. 638-646.
	O2	Cai, Hatsukami, Ferguson, Small, Polissar, and Yuan. "Classification of Human Carotid Atherosclerotic Lesions With In Vivo Multicontrast Magnetic Resonance Imaging." <i>Circulation, Journal of the American Heart Association</i> , September 10, 2002, pp. 1368-1373.
	O3	Chu, Kampschulte, Ferguson, Kerwin, Yarnykh, O'Brien, Polissar, Hatsukami, and Yuan. "Occurrence and Staging of Hemorrhage in the Advanced Carotid Atherosclerotic Plaque: An In-Vivo Multi Contrast High Resolution MRI Study." Submitted to <i>Stroke</i> , October 2003. 25pp.

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	O5	Han, Hatsukami, and Yuan. "A Multi-Scale Method for Automatic Correction of Intensity Non-Uniformity in MR Images." <i>Journal of Magnetic Resonance Imaging</i> , 13:428-436 (2001). (2) Wily-Liss, Inc.
	O6	Han, Hatsukami, Hwang, and Yuan. "A Fast Minimal Path Active Contour Model." <i>IEEE Transactions On Image Processing</i> , Vol. 10, No. 6, June 2001. pp. 865-873.
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	O11	Kerwin and Yuan. "Analysis And Visualization Of Atherosclerotic Plaque Composition By MRI." <u>Angiography and Plaque Imaging, Advanced Segmentation Techniques</u> . The Biomedical Engineering Series, Michael Neuman, Series Editor. CRC Press, Boca Raton, FL. Chapter 3. pp. 77-117.
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	O17	Mitsumori, Hatsukami, Ferguson, Kerwin, Cai, and Yuan. "In Vivo Accuracy of Multisequence MR Imaging for Identifying Unstable Fibrous Caps in Advanced Human Carotid Plaques." <i>Journal of Magnetic Resonance Imaging</i> , 17:410-420 (2003). pp. 410-420.
	O18	Naghavi, Morteza et al. "From Vulnerable Plaque to Vulnerable Patient, A Call for New Definitions and Risk Assessment Strategies: Part I." <i>Circulation, Journal of the American Heart Association</i> , October 7, 2003. pp. 1664-1672.
	O19	Naghavi, Morteza et al. "From Vulnerable Plaque to Vulnerable Patient, A Call for New Definitions and Risk Assessment Strategies: Part II." <i>Circulation, Journal of the American Heart Association</i> , October 14, 2003. pp. 1772-1778.
	O20	Saam and Yuan. "Vascular Imaging." <i>Encyclopedia of Biomaterials and Biomedical engineering</i> . October 2003. 26pp.
	O21	Saam et al. "In Vivo Comparison of the Atherosclerotic Lesion Ipsilateral and Contralateral to the Side of Symptomatic Carotid Disease: A High-Resolution, Multi-Contrast Magnetic Resonance Imaging Study. Submitted to <i>Stroke</i> , October 2003. 25pp.
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	O24	Intentionally left blank

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<u>PS</u>	O25	Winn, Schmiedl, Reichenbach, Beach, Nghiem, Dimas, Daniel, Maravilla, and Yuan. "Detection and Characterization of Atherosclerotic Fibrous Caps with T2-Weighted MR." <i>AJNR Am J Neuroradiol</i> 19:129-134, January 1998. pp. 129-164.
<u>PS</u>	O26	Xu, Hwang, and Yuan. "Segmentation of Multi-Channel Image with Markov Random Field Based Active Contour Model." © Iuwer Academic Publishers, The Netherlands 2002. Accepted August 7, 2001. 11pp.
<u>PS</u>	O27	Yarnykh and Yuan. "High-Resolution Multi-Contrast MRI of the Carotid Artery Wall for Evaluation of Atherosclerotic Plaques." <i>Current Protocols in Magnetic Resonance Imaging</i> , Unit A1.4, Intracranial Arterial Disease. Supplement 11. 2003. 18pp.
<u>PS</u>	O28	Yarnykh and Yuan. "Multislice Double Inversion-Recovery Black-Blood Imaging With Simultaneous Slice Reinversion." <i>Journal of Magnetic Resonance Imaging</i> , 17:478-483 (2003). pp. 478-483.
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<u>PS</u>	O30	Yarnykh, Vasily L. "Pulsed Z-Spectroscopic Imaging of Cross-Relaxation Parameters in Tissues for Human MRI: Theory and Clinical Applications." <i>Magnetic Resonance in Medicine</i> , 47:929-939 (2002). pp. 929-939.
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	O33	Yuan, Kerwin, Ferguson, Polissar, Zhang, Cai, and Hatsukami. "Contrast-Enhanced High Resolution MRI for Atherosclerotic Carotid Artery Tissue Characterization." <i>Journal of Magnetic Resonance Imaging</i> , 15:62-67 (2002). pp. 62-67.
	O34	Yuan, Lin, Millard, and Hwang. "Closed Contour Edge Detection of Blood Vessel Lumen and Outer Wall Boundaries in Black-Blood MR Images." <i>Magnetic Resonance Imaging</i> , Vol. 17, No. 2, 1999. pp. 257-266.
	O35	Yuan, Miller, Cai, and Hatsukami. "Carotid atherosclerotic wall imaging by MRI." <i>Neuroimaging Clinics of North America</i> , 12 (2002). pp. 391-401.
<u>PS</u>	O36	Yuan, Mitsumori, Beach, and Maravilla. "Carotid Atherosclerotic Plaque: Noninvasive MR Characterization and Identification of Vulnerable Lesions." <i>Radiology</i> , Volume 221, No. 2, November 2001. pp. 285-299.

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	O38	Yuan, Zhang, Polissar, Ehelard, Ortiz, Davis, Ellington, Ferguson, and Hatsukami. "Identification of Fibrous Cap Rupture With Magnetic Resonance Imaging Is Highly Associated With Recent Transient Ischemic Attack or Stroke." <i>Circulation, Journal of the American Heart Association</i> , January 16, 2002. pp. 181-185.
	O39	Yuan, Zhao, and Hatsukami. "Quantitative Evaluation of Carotid Atherosclerotic Plaques by Magnetic Resonance Imaging." <i>Current Atherosclerosis Reports</i> 2002, Vol. 4. © 2002 Current Science Inc. pp. 351-357.
	O40	Zhang, Cai, Luo, Han, Polissar, Hatsukami, and Yuan. "Measurement of Carotid Wall Volume and Maximum Area with Contrast-enhanced 3D MR Imaging: Initial Observations." <i>Radiology</i> , Volume 228, Number 1, July 2003. pp. 200-205.
	O41	Zhang, Hatsukami, Polissar, Han, and Yuan. "Comparison of carotid vessel wall area measurements using three difference contrast-weighted black blood MR imaging techniques." <i>Magnetic Resonance Imaging</i> , 19 (2001) pp. 795-802.
<u>PS</u>	O42	Zhao, Yuan, Hatsukami, Frechette, Kang, Maravilla, and Brown. "Effects of Prolonged Intensive Lipid-Lowering Therapy on the Characteristics of Carotid Artherosclerotic Plaques In Vivo by MRI, A Case-Control Study." <i>Arterioscler Thromb Vasc Biol.</i> October 2001. pp. 1623-1629.


Examiner's Signature

3 JAN 2007
Date

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RMA:klp
8/12/2004